

09-02-05

JC01 Rec'd PCT/PTO 01 SEP 2005 *PCT*

PATENT  
ATTORNEY DOCKET NO. 005092-00076  
371(c) filing of PCT/US2004/000630

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Strand et al.

Examiner:

Serial No.: 10/542,493

Group: Unassigned

Filing Date: July 15, 2005

Title: METHOD AND APPARATUS FOR DETERMINING THE ISOELECTRIC  
POINT OF CHARGED ANALYTE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Express Mail Receipt No. EV 641701707 USDate of Deposit: Sept. 1, 2005

Dear Sir:

I hereby state that the following enclosed documents:

1. Transmittal Letter;
2. Information Disclosure Statement (2 pages);
3. Form PTO-1449;
4. Copies of two (2) references;
5. Copy of the International Search Report issued in PCT/US2004/000630;
6. Copy of the International Preliminary Examination Report and Written Opinion issued in PCT/US2004/000630; and
7. Return postcard.

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Mail Stop Provisional Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Laurie Hall

9/01/05  
Dated

Laurie Hall  
Signature of person mailing above-identified papers

EV641701707US



PATENT  
ATTORNEY DOCKET NO. 005092-00076

371(c) filing of PCT/US2004/000630

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Applicants:** David Strand et al.

**Examiner:**

**Serial No.:** 10/542,493

**Group:** Unassigned

**Filing Date:** July 15, 2005

**Title:** METHOD AND APPARATUS FOR DETERMINING THE ISOELECTRIC  
POINT OF CHARGED ANALYTE

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the provisions of 37 C.F.R. §§ 1.97-1.99, Applicants herewith submit the enclosed PTO Form 1449 for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the United States patents cited herein are not being submitted according to the August 5, 2003, U.S. Patent and Trademark Office Official Gazette Notice regarding Information Disclosure Statement filings. Copies of the remaining references are enclosed. Copies of the International Search Report and the International Preliminary Examination Report and Written Opinion issued in prior PCT application number PCT/US2004/000630 are enclosed.

**REMARKS**

In accordance with the provisions of 37 C.F.R. § 1.97, this statement is being filed:

  X   (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or

USSN 10/542,493  
Express Mail Receipt No. EV 641701707 US

\_\_\_ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and the requisite Certification or fee under Rule 1.17(p), namely \$180.00, is included herein; or

\_\_\_ (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the attached form PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

X  are enclosed herewith (except U.S Patents); or

\_\_\_ are in the file of related application Serial No. 00/000,000, filed \_\_\_\_\_, and are thus not being resubmitted herein.

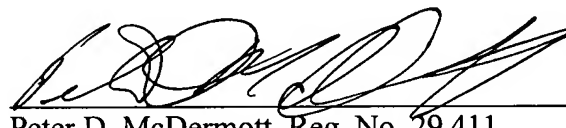
Early examination and allowance of the present application are respectfully solicited.

#### **FEE AUTHORIZATION**

Although no fee is believed due, the Commissioner is hereby authorized to charge any additional fees or overpayments to Deposit Account No. 19-0733.

Respectfully submitted,

Date: 1 Sept 2005



Peter D. McDermott, Reg. No. 29,411  
Attorney for Applicant  
BANNER & WITCOFF, LTD.  
28 State Street, 28<sup>th</sup> Floor  
Boston, MA 02109-1775  
Tel: (617) 720-9600  
Fax: (617) 720-9601  
E-Mail: pmcermott@bannerwitcoff.com

## INFORMATION DISCLOSURE CITATION

Sheet 1 of 1

Applicants: David Strand et al.

Filing Date: July 15, 2005

Group:

SEP 01 2005

## U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
AA	4,680,102	07/14/1987	Ishiwatari	204	299 R	11/22/1985
AB	5,298,143	03/29/1994	Ivory et al.	204	301	01/15/1993
AC	6,277,258	08/21/2001	Ivory et al.	204	450	05/06/1999
AD	6,284,115	09/04/2001	Apffel	204	518	09/21/1999
AE	2001-0034435	10/25/2001	Nochumson et al.	536	23.1	01/29/2001
AF						
AG						
AH						
AI						
AJ						

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Class	Subclass	Translation	
							YES	NO
	AK							
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

AQ	Ackers et al., "Determination of stoichiometry and equilibrium constants for reversibly associating systems by molecular sieve chromatography," <i>Proc. Nat. Acad. Sci. USA</i> 53: 342-349 (1965)
AR	Koegler and Ivory, "Field Gradient Focusing: A Novel Method for Protein Separation, <i>Biotechnol. Prog.</i> , 12:822-836 (1996)
AS	International Search Report issued in PCT/US04/00630
AT	Written Opinion issued in PCT/US04/00630
AU	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. \*\*Copies of references not provided at the time of this submission.